

Nomination for Waters
Important to Anadromous Species

Year of Revision

1990

Approved

Name of Waterway FLAT CREEK
AWC# of Waterway 334-40-11000-2490-
3151-4020-5216

AWC Volume & Number Interior IV

USGS Quad CIRCLE A-6

Addition _____ Correction _____
Deletion _____ Change _____

DATA X
Change to _____ Atlas
_____ Catalog
_____ Both

| | |
|---------------------|----------------|
| <u>AP</u> | <u>10/3/89</u> |
| Regional Supervisor | Date |
| 90 118 | |
| Drafted | |

| Species | Date(s) Observed | Spawning | Rearing | Migration |
|----------|------------------|----------|---------|-----------|
| ATTACHED | | | | |
| | | | | |
| | | | | |
| | | | | |

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

ATTACHED

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) AL OTT AL TOWNSEND

Date: 10/3/89 Signature: AP Al Townsend

Address: 1300 College Road
Fairbanks, AK 99701

ALASKA DEPT. OF
FISH & GAME.

OCT 11 1989

REGION II
HABITAT DIVISION

FLAT CREEK

Location - Circle A-6, Section 26, T5N, R4E, FM

Sample Reach - 750 ft reach immediately upstream from confluence with Chatanika River

Sample Gear - electroshocker

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel and sand substrate, overhanging vegetation with undercut banks, no fish barriers observed, aquatic habitat rated #3

Sample on July 13, 1989 - water clear (49 F), discharge 10 cfs, 1 burbot (245 mm), 18 arctic grayling (235, 203, 142, 127, 228, 245, 134, 172, 203, 179, 158, 136, 128, 136, 138, 150, 139, 118 mm), 9 chinook salmon (52, 58, 57, 54, 56, 55, 52, 54, 52 mm), and 30 slimy sculpin collected and released

Summary of 1989 Sampling - anadromous fish habitat present with use by chinook salmon juveniles documented, recommend no change to the catalog

PERHAPS CREEK

Location - Circle B-6, Section 17, T5N, R5E, FM

Sample Reach - mouth of Perhaps Creek at confluence with Chatanika River

Sample Gear - visual

Anadromous Catalog - sample reach in catalog

Description of Sample Reach and Observations - gravel and cobble substrate, overhanging vegetation, aquatic habitat rated #1

Sample on July 12, 1989 - water clear, discharge at Steese Highway less than 1 cfs, no surface flow at mouth of creek, 2 juvenile chinook salmon and 2 arctic grayling fry were observed in the side channel of Chatanika River at mouth of Perhaps Creek

Sample on August 9, 1989 - no surface flow at mouth of stream

Summary of 1989 Sampling - anadromous fish habitat not present, recommend that this stream be deleted from catalog